

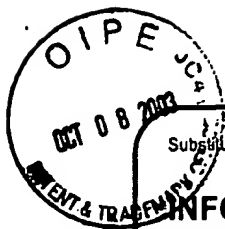
Form 1449 (modified)  Information Disclosure Statement By Applicant	Filing Date:	November 19, 1997	U.S.S.N. 08/974,584
	Inventors:	Cech et al.	
	Title:	Amino Acid Motifs that Identify Telomerase Reverse Transcriptase	
	Docket:	018/206P2	Group: 1634 Examiner: Carla J. Myers, Ph.D.

## U.S. Patent Documents

Examiner Initial	Ref.	Patent No.	Issue or Pub Date	Inventors:	Assignee:	Title:
Cn		6,166,178	12/26/2000	Cech et al.	Regents U. CO & Geron Corp.	Telomerase Catalytic Subunit
		6,337,200	1/8/2002	Morin	Geron Corp.	Human Telomerase Catalytic Subunit Variants
		6,627,619	9/30/2003	Cech et al.	Regents U. CO & Geron Corp.	Methods for Inhibiting Telomerase Using Antisense Oligonucleotides
		6,808,880	10/26/2004	Cech et al.	Regents U. CO & Geron Corp.	Method for Identifying Nucleotide Sequences Encoding Telomerase
		6,921,664	7/26/2005	Cech et al.	Regents U. CO & Geron Corp.	Vectors for Expressing Telomerase Reverse Transcriptase
		6,927,285	8/9/2005	Cech et al.	Regents U. CO & Geron Corp.	Gene for Human Telomerase Reverse Transcriptase and Telomerase Variants
Cn		7,005,262	2/28/2008	Cech et al.	Regents U. CO & Geron Corp.	Methods for Detecting Nucleic Acids Encoding Human Telomerase Reverse Transcriptase

Examiner	Date Considered
Carla Myers	5-16-06

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Page 1



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 5

**Complete if Known**

Application Number	08/974,584
Filing Date	November 19, 1997
First Named Inventor	
Art Unit	1634
Examiner Name	Myers, Carla J.
Attorney Docket Number	015389-002950US

**U.S. PATENT DOCUMENTS+**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
CM	A1	US-5,597,697		01-28-1997	Diamond	
	A2	US-5,747,317		05-05-1998	Cao	
	A3	US-5,770,422		08-23-1998	Collins	
	A4	US-5,917,025		08-29-1999	Collins	
	A5	US-5,919,656		07-06-1999	Harrington, et al.	
	A6	US-6,166,178		12-28-2000	Cech et al.	
	A7	US-6,337,200 B1		01-08-2002	Morin	
	A8	US-6,475,789 B1		11-05-2002	Cech et al.	
	A9	US-6,610,839 B1		08-26-2003	Cech et al.	
	A10	US-6,617,110 B1		09-09-2003	Cech et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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	B4	PCT	WO 95/13382	A1	05-18-1995			<input type="checkbox"/>
	B5	PCT	WO 96/01835	A1	01-25-1996			<input type="checkbox"/>
	B6	PCT	WO 98/07838	A1	02-26-1998		see abstract	<input type="checkbox"/>
	B7	PCT	WO 98/08938	A1	03-05-1998		see abstract	<input type="checkbox"/>
	B8	PCT	WO 98/14592	A2	04-09-1998			<input type="checkbox"/>
	B9	PCT	WO 98/14593	A2	04-09-1998			<input type="checkbox"/>
	B10	PCT	WO 98/21343	A1	05-22-1998			<input type="checkbox"/>
	B11	PCT	WO 98/23759	A2	06-04-1998			<input type="checkbox"/>
	B12	PCT	WO 98/37181	A2	08-27-1998			<input type="checkbox"/>
	B13	PCT	WO 98/45450	A1	10-15-1998			<input type="checkbox"/>
	B14	PCT	WO 98/59040	A2	12-30-1998			<input type="checkbox"/>
	B15	PCT	WO 99/01560	A1	01-14-1999			<input type="checkbox"/>
	B16	PCT	WO 99/33998	A2	07-08-1999			<input type="checkbox"/>
	B17	PCT	WO 99/38984	A2	08-05-1999			<input type="checkbox"/>
	B18	PCT	WO 00/46355	A2	08-10-2000			<input type="checkbox"/>

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 5

**Complete if Known**

Application Number	08/974,584
Filing Date	November 19, 1997
First Named Inventor	
Art Unit	1634
Examiner Name	Myers, Carla J.
Attorney Docket Number	015389-002950US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CG	C1	ADAMSON, D. et al. "Significant Telomere Shortening in Childhood Leukemia", <i>Cancer Genet. Cytogenet.</i> 1992; pp. 204-206, Vol. 61 ✓	
	C2	AUTEXIER, CHANTAL, et al., "Telomerase and cancer: revisiting the telomere hypothesis; Trends in Biochemical Sciences, 1996, pp. 387-391, Vol. 10, No. 21.	
	C3	AVILION, A., "Characterization and expression of human telomerase," <i>Dissertation Abstracts International</i> , 1996, pp. 5930-B, Vol. 56, No. 11 ✓	
	C4	BARINGA, MARCIA, "The Telomerase Picture Fills In", <i>Science</i> , April 25, 1997; pp. 528-529, Vol. 276 ✓	
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	C7	COLLINS, KATHLEEN, "Structure and function of telomerase", <i>Current Opinion in Cell Biology</i> , 1996, pp. 374-380, Vol. 8 ✓	
	C8	COUNTER, C. et al. "Telomerase activity in human ovarian carcinoma"; <i>Proc. Natl. Acad. Sci USA</i> ; April 1994; Vol. 91; pp. 2900-2904 ✓	
	C9	COUNTER, C. et al. "Telomerase Activity in Normal Leukocytes and in Hematologic Malignancies" <i>Blood</i> ; May 1, 1995; pp. 2315-2320, Vol. 85; No. 9. ✓	
	C10	COUNTER, C. et al. "Telomere shortening associated with chromosome instability is arrested in immortal cells which express telomerase activity", <i>The EMBO Journal</i> ; 1992, pp. 1921-1929, Vol. 11; No. 5, Oxford University Press. ✓	
	C11	DE LANGE, T. et al. "Structure and Variability of Human Chromosome Ends"; <i>Molecular and Cellular Biology</i> ; February 1990; pp. 518-527, Vol. 10, No. 2. ✓	
	C12	FENG et al., "The RNA Component of Human Telomerase," <i>Science</i> , 1995, pp. 1236-1241, Vol. 269 ✓	
	C13	FLAVELL, R. & MATHIAS, R. "Prospects for transforming monocot crop plants", <i>Nature</i> , 12 Jan. 1984, pp. 108-109, Vol. 307. ✓	
	C14	FRESHNEY, <i>Culture of Animal Cells, A Manual Basic Technique</i> , p. 4, Alan R. Liss, Inc. New York, 1983.	
	C15	Genbank Accession No. A46242; September 21, 1993 ✓	
✓	C16	Genbank Accession No. AA299878; April 18, 1997 ✓	

Examiner Signature	<i>Cheng</i>	Date Considered	5-16-06
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Sheet 3 of 5

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Cm	C17	Genbank Accession No. AA311750; April 19, 1997 ✓	
	C18	Genbank Accession No. L38903; January 30, 1995 ✓	
	C19	Genbank Accession No. Q06163; November 01, 1995	
	C20	Genbank Accession No. S39696; October 07, 1994 ✓	
	C21	Genbank Accession No. S53396; May 5, 1995 ✓	
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	C23	GLASER, P. et al. "Bacillus subtilis genome project: cloning and sequencing of the 97 kb region from 325° to 333°" <i>Molecular Microbiology</i> , 1993, pp. 371-384, Vol. 10, No. 2. ✓	
	C24	GOODMAN, R. et al. "Gene Transfer in Crop Improvement", <i>Science</i> , 3 April 1997, pp. 48-54, Vol. 236. ✓	
	C25	GREIDER, C. "Telomeres, Telomerase and Senescence"; <i>BioEssays</i> ; 1990; pp. 363-369, Vol. 12, No. 8. ✓	
	C26	HARLEY, C. "Telomere loss: Mitotic clock or genetic time bomb?" <i>Mutation Research</i> ; 1991; pp. 271-282, Vol. 256, Elsevier Science Publishers. ✓	
	C27	HARLEY, C. & VILLEPONTEAU, B. "Telomeres and telomerase in aging and cancer" <i>Current Opinion in Genetics and Development</i> ; 1995, pp. 249-255, Vol. 5. ✓	
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	C30	HEALY, K. C. "Telomere dynamics and telomerase activation in tumor progression: prospects for prognosis and therapy" <i>Oncol. Res.</i> , 1995, pp. 121-130, Vol. 7. ✓	
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	C32	HIYAMA, E. et. al. "Correlating telomerase activity levels with human neuroblastoma outcomes"; <i>Nature Medicine</i> ; 3 March 1995; pp. 249-255, Vol. 1, No. 3. ✓	
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Sheet 4 of 5

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Attorney Docket Number	015389-002950US

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Ca	C34	JÄHNE, A. et al. "Genetic Engineering of Cereal Crop Plants: A Review", <i>Euphytica</i> , 1995, pp. 35-44, Vol. 85, Kluwer Academic Publishers, Netherlands. ✓	
	C35	JOHNSON, P. et al., "Expression of Wild-Type p53 Is Not Compatible with Continued Growth of p53-Negative Tumor Cells", <i>Molecular and Cellular Biology</i> , Jan. 1991, p. 1-11, Vol. 11, No. 1. ✓	
	C36	JOLLIFFE, L.K. "Humanized antibodies: enhancing therapeutic utility through antibody engineering", <i>Int. Rev. Immunol.</i> , 1993, pp. 241-250, Vol. 10 ✓	
	C37	KIM, N. et al. "Specific Association of Human Telomerase Activity with Immortal Cells and Cancer", <i>Science</i> , 23 December 1994, pp. 2011-2014, Vol. 266. ✓	
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	C42	LUSTIG, ARTHUR J., "The identification of telomerase subunits: catalysing telomere research", <i>Trends in Cell Biology</i> ; August 1997, pp. 299-302, Vol. 7. ✓	
	C43	MALICKI, J. et al. "A human <i>HOX4B</i> regulatory element provides head-specific expression in <i>Drosophila</i> embryos", <i>Nature</i> , 23 July 1992, pp. 345-357, Vol. 358. ✓	
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Examiner Signature	Chuyers	Date Considered	5-16-06
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Cn	C49	RHYU, M.S. "Telomeres, telomerase, and immortality"; <i>J. Natl. Cancer Inst.</i> ; 21 June 1995; pp. 884-894, Vol. 87, No. 12. ✓	
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	C52	SINGER, M. "Unusual Reverse Transcriptases", <i>Journal of Biological Chemistry</i> ; 1995, pp. 24623-23626, Vol. 270, No. 42. ✓	
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	C54	TAIT, J. et al. "Structure and Polymorphisms of the Human Annexin III (ANX3) Gene", <i>Genomics</i> , 1993, pp. 79-86, Vol. 18, No. 1. ✓	
	C55	WINTER, G. & HARRIS, W. "Humanized Antibodies", <i>Trends Pharmacol. Sci.</i> , May 1993, pp. 139-143, Vol. 14. ✓	
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✓	C57	ZAUG, ARTHUR et al., "Method for determining RNA 3' ends and application to human telomerase RNA", <i>Nucleic Acids Research</i> , 1996, pp. 532-533, Vol. 24, No. 3. ✓	

Examiner Signature	<i>Chapman</i>	Date Considered	5.16.06
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